I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, D.C., 20231, on: **PATENT** RECEIVED

Technology Center 2100 IN THE UNITED STATES PATENT AND TRADEMARK OFFICE PPLICATION OF: JEFFREY TUATINI **ART UNIT: 2152** APPLICATION No.: 09/755,599 CONFIRMATION No.: 4896 DOCKET No. 243768004US1 FILED: JANUARY 2, 2001 FOR: SHARED SERVICE MESSAGING (25MB-0016) MODELS Information Disclosure Statement Within Three Months of Application Filing or Before First Action – 37 CFR 1.97(b) Commissioner for Patents Washington, D.C. 20231 Sir: Timing of Submission 1. This information disclosure is being filed within three months of the filing date of this application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever occurs last [37 CFR 1.97(b)]. The references listed on the enclosed Form PTO-1449 (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application. 2. Cited Information \boxtimes Copies of the following references are enclosed: All cited references References marked by asterisks The following: Copies of the following references can be found in parent application Ser. No. All cited references References marked by asterisks The following: The following references are not in English. For each such reference, the

undersigned has enclosed (i) a translation of the reference; (ii) a copy of a communication from a foreign patent office or International Searching Authority citing the reference, (iii) a copy of a reference which appears to be

an English-language counterpart, or (iv) an English-language abstract for the reference prepared by a third party. Applicant has not verified that the translation, English-language counterpart or third-party abstract is an accurate representation of the teachings of the non-English reference, though, and reserves the right to demonstrate otherwise.
☐ All cited references☐ References marked by ampersands☐ The following:
Effect of Information Disclosure Statement (37 CFR 1.97(h))
This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.
Fee Payment
No fees are believed due. However, should the Commissioner determine that fees are due in order for this Information Disclosure Statement to be considered, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-0665.
Patent Term Adjustment (37 CFR 1.704(d))
The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement. 37 C.F.R. § 1.704(d).
Respectfully submitted, Perkins Coie LLP

Correspondence Address:

3.

4.

5.

Customer No. 25096
Perkins Coie LLP
P.O. Box 1247
Seattle, Washington 98111-1247

Date: April 24, 2002

Phone: (206) 583-8888

Maurice J. Pirio

Registration No. 33,273

pproved for use through 10/31/99. OMB 0651-0031
Patent and Tracemark Office: U.S. DEPARTMENT OF COMMERCE

							COMPLETE IF KNOWN				
Substitute	1449A/PTO	ı				Application Nun	ıber	09/755,599 4896 January 2, 2001			
TPE	INF	ORMA	TION DI	SCL	OSUF	RE	Confirmation Number Filing Date First Named Inventor				
70%	`		ENT BY								
	- 4		any sheets d						Jeffrey Tuatin		
R 2 9 2002	۳ <u>ن</u>	se us m	any sneets t	is nece	issui y)	,	Group Art Unit		2442		
, 6	WELCE.						Examiner Name				
- '44		1		of		4	Attorney Docket I	Vo.	243768004118	51 (25MB-0016)	
RADBEET !	1					· · · · · · · · · · · · · · · · · · ·			1 243 70000400	(25)(10)	
*EXAMINER Cite U.S. Patent Document Name of Patentee or Applicant Date of Publication of Cited Pages, Columns, Lines,											
INITIALS	Cite No.			i Code		Name of Patentee or of Cited Docur		Date	Document Document	Where Relevant Passages of Receipt Figures Appear	
		(if kn						 -	<u>. </u>	- A Company	
	AA	09/755,621			Tuat	ini		1/2/	01	\C\Z	
	AB	09/753	,038		Tuat	ini		12/2	28/00	APR 3	1
	AC	09/755	5,597		Tuat	ini		1/2/	01	echnology Center	2
	AD	09/745	5,073		Chac	cko	. "	12/1	9/00	Sy Center o	
	AE	09/753	,036		Tuat	ini		12/2	28/00	731	20
	AF	09/753	,035		Eng			12/2	28/00		_
	AG	09/753,037			Tuat	ini		12/2	28/00,		
	AH	5,950,195			Stockwell et al.		9/7/	99			
	AI	5,555,346			Gross et al.			9/10)/96		
FOREIGN PATENT DOCUMENTS											
EXAMINER INITIALS	Cite No.	k			Code		entee or Applicant d Document			Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	7
	AJ	WO	WO02/01		Preview Systems, Inc.				1/3/02		
	AK	EP	EP114366	54		Alcatel Internet	working, Inc. 10/10/01		10/10/01		
	AL	wo	WO01/17	195	Accenture LLP				3/8/01		
	AM	EP	EP112668	81		Sun Microsyste	ms, Inc.		8/22/01		
	AN	WO	WO00/65	507		Network Solution	ons, Inc.		11/2/00		L
		(OTHER I	RIO	R AR	T-NON PATE	NT LITERAT	TURE	DOCUMENT	S	
*EXAMINER	Cite No.	1	nclude name o	f the aut	hor (in C	CAPITAL LETTERS	, title of the article (when ap	propriate), title of the i	tem (book, magazine, untry where published.	T
INITIALS	No.								Version 1.2, pages		+
			ber 2001	Core	riauo	orm specification	, Sun Microsysi	cilis, v	version 1.2, pages	, 1-120,	
· ·	AO	Docum									
		JINITM	JavaSpace	S TM Se	rvice	Specification, Sur	n Microsystems.	Vers	ion 1.2, pages 1-2	8,	\top
	AP	JINI™ JavaSpaces™ Service Specification, Sun Microsystems, Version 1.2, pages 1-28, December 2001									
		Jini TM	Architectu	e Spe	cificati	ion, Sun Microsv	stems, Version	1.2, pa	iges 1-21, Decemb	ber 2001	\dagger
	AQ			- F.		,	,		·		
EXAMINE	[L			_		DATE CONS	SIDE	RED		
LAMINI	JIX					ā	DAIL CON	انامدر			
* EXAMIN	CD.	7 101 1 10		ام معمل		er or not criteria i		with A	(DED 600 Dear	line through citation if no	nt .

Please type a plus sign (+) inside this box \rightarrow +PTO/SB/08A Approved for use through 10/31/99. OMB 0651-0031
Patent and Tracemark Office: U.S. DEPARTMENT OF COMMERCE COMPLETE IF KNOWN A

						CO	MILLEIL II I	MIONIN A TA			
OIP &	for form	1449A/PTO			Application Numl	-CO					
OIPE	INF	ORMATIC	ON DISCLO	SURE	Confirmation Nu	mber	09/755,599 4896 January 2, 2001 Connology Jeffrey Tuatini 2151 243768004US1 (25MB-0016)				
` 4	ST		BY APPL		Filing Date						
	e		sheets as nece		First Named Inve	entor	Jeffrey Tuatin	i 1/10/0, 0 2	 ₹		
R 2 9 2002	+ (u	ise as many s	sneets as nece	ssury)	Group Art Unit	Atoi	2151	- 109V C - 40	कि		
É	ξ.				Examiner Name	1	2131	10/1/0-			
> ask						.	2427/0004110		70.		
RADENAEEt		2	of	4	Attorney Docket N	lo.	24376800403	S1 (25MB-0016)	XV		
	,	т		U.S. PATENT	DOCUMENTS	<u> </u>					
EXAMINER INITIALS	Cite No.	U.S. Paten NUMBER	Kind Code (if known)		Name of Patentee or Applicant of Cited Document		Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear			
	AA										
	AB						·				
	AC										
				FOREIGN PATE	ENT DOCUMEN	NTS					
*EXAMINER	Cite	Foreign	Patent Document	Name of I	Patentee or Applicant	Date of Publication of		Pages, Columns, Lines, When Relevant Passages or Relevan			
INITIALS*	No.	Office 1	Kind Co Number (if known		ited Document	ł	Cited Document	Figures Appear	Ι,		
	AD	Onice	Number (II kilo)	1					十		
 	_		·····		<u> </u>				+		
	AE								丄		
OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS											
EXAMINER INITIALS	No.	Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magaz journal, serial, symposium, catalog, etc.), date, page(s), volume0issue number(s), publisher, city and/or country where publisher.									
	<u> </u>	Jini TM Technology Glossary, Sun Microsystems, Version 1.2, pages 1-21, December 2001									
	AF										
		Java™ Object Serialization Specification, Sun Microsystems, Inc., Mountain View, California,									
	AG	pages 1-66, November 30, 1998									
		Java TM Ren	note Method l	nvocation Specificat	ion, Sun Microsyst	tems, In	c., Mountain V	/iew, California,	T		
	AH	Java™ Remote Method Invocation Specification, Sun Microsystems, Inc., Mountain View, California, pages 1-130, December 1999									
	,								\bot		
				ging E-Business, "N	etegrity SiteMinde	er 4.6"					
	AI	-	netegrity.con								
			, Netegrity, In January 28, 20								
		_		ging E-Business, "N	etegrity SiteMinde	er 4.6: E	Benefits"		+		
	AJ		netegrity.con		J , = === === ===						
	AJ	1991-2001,	1-2001, Netegrity, Inc.								
			January 28, 20						4		
				ging E-Business, "N	etegrity SiteMinde	er 4.6: F	How It Works"				
	AK			n/products/i							
			, Netegrity, In January 28, 20								
				ging E-Business, "N	etegrity SiteMinde	r 4 6 · S	Supported Platf	forms"	+		
					cicginy Siteraniae	A 4.0. L	supported rate	OTTIIS			
	AL	http://www.netegrity.com/products/i 1991-2001, Netegrity, Inc.									
		[Accessed January 28, 2002]									
		[Accessed.	January 28, 20	002]							
EXAMINE	ER	[Accessed.	January 28, 20	002]	DATE CONS	IDERE	ED .				
EXAMINE	ER	[Accessed.	January 28, 20	002]	DATE CONS	IDERE	^E D				

ease type a plus	sign (+)) inside this box $\rightarrow +$		07,	OR	_		Approved for use the	PTO/SB/0 prough 10/31/99. OMB 0651-	0031
:			APP	292	ي دري	Patent		emark Office: U.S. I	DEPARTMENT OF COMME	RCE
Substitute	for form	\ 1449A/PTO		~	((2)	Application Nun		09/755,599	SI (25MB-0016)	<u> </u>
Dublitato		ORMATION D)ŠĖL	OSUE	RÉ ^{rc}	Confirmation N		4896	Ton APP	V
		ATEMENT BY	121	TCAN	iT	Filing Date		January 2, 20	01 30	•
		ise as many sheets				First Named Inv	entor	Jeffrey Tuatin	i 9/0	200
	(//		Group Art Unit		2442	Conta	~<
						Examiner Name			101	روح
Sheet		3	of		4	Attorney Docket 1	No.	243768004US	S1 (25MB-0016)	770
		1		ī	J.S. PATENT	DOCUMENT	S			
*EXAMINER	Cite	U.S. Patent Docum	nent					Publication of Cited	Pages, Columns, Lines,	
INITIALS*	No.		ind Code	1	Name of Patentee or of Cited Docur		Daile of	Document	Where Relevant Passages of Relevant Figures Appear	r
	ļ	(i	f known) T						Total Tigates Tepon	
	AA									
	AB									
		l		FOF	REIGN PATEN	NT DOCUME	NTS			
*EXAMINER	Cite	Foreign Patent	Document			entee or Applicant		Date of Publication of	Pages, Columns, Lines, Where	Τ_
INITIALS	No.		Kind (d Document		Cited Document	Relevant Passages or Relevant Figures Appear	T
	AC	Office Number	(if kno	own)					·	+
	AC	<u>L</u>								<u> </u>
					T-NON PATE					
EXAMINER INITIALS	Cite No.	Include name journal, serial,	of the aut	hor (in C m, catalo	CAPITAL LETTERS) og, etc.), date, page(s)), title of the article (v , volume0issue numb	when appr per(s), pub	opriate), title of the i	item (book, magazine, ountry where published.	Т
					E-Business, "Net	egrity SiteMind	er 4.6:	Competitive Ad	lvantages"	<u> </u>
	AD	http://www.nete			lucts/i					
		1991-2001, Nete	-							
	ļ	[Accessed Janua			A 3.7	17 · CY	TM D	1D : D 1		-
									es Technology, Sixty	
	AE		isticated	ı Kule	Maintenance Ap	plications for B	usiness	Managers, Sai	I Jose, California,	
		June 5, 2001 http://www.brok	at com/	an/nass	ic/nr					
		[Accessed Janua			/s/pi					
	┼──				on Thru Rule-Bas	sed Programmir	ng Kno	wledge Manage	ment for Business	1
					nc., Sewickley, P		.6,			
	AF		, — r	,		,				
		Grosof, Benjami	n N. an	d Labr	ou, Yannis, IBM	Research Repo	rt, "An	Approach to Us	ing XML and a Rule-	
	AG								eering and Computer	
		Science Departn	nent, Ur	iversit	y of Maryland, E	Baltimore, Mary	land, M	ay 28, 1999		_
		Grosof, Benjami	n, "Bus	iness F	Rules for E-Comr	nerce: Interope	rability	and Conflict Ha	indling," IBM T.J.	
	AH	Watson Research	n Cente	r, Haw	thorne, New Yor	k, September 22	2, 1999.			
		Extensible Mark	up Lan	guage ((XML) 1.0 (Seco	and Edition). W	3C Reco	mmendation O	ctober 6, 2000.	
				B	(==-=) 2.0 (0000	, , , , , , , , , , , , , , , , ,		, 0	,	
1	AI									
					's Guide, Septem	ber 15, 2000				
	AJ	http://www.open	•	_	admin					
	1	[Accessed Janua	rv 28. 2	0021						1

DATE CONSIDERED

Draw line through citation if not in

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609.

conformance and not considered. Include copy of this form with next communication to applicant(s).

EXAMINER

PTO/SB/08A

Approved for use through 10/31/99. OMB 0651-0031 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

APR 2 9 2002 E

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

\boldsymbol{C}	OMPLETE IF KNOWN	
Application Number	09/755,599	A)A
Confirmation Number	4896	(C)
Filing Date	January 2, 2001	7.
First Named Inventor	Jeffrey Tuatini	TPP .
Group Art Unit	2442	70/2 3
Examiner Name		9V2
Attorney Docket No.	243768004US1 (25MB-00	16)

	(u	ise as many sh	eets as neces	sary)	First Named Inventor Group Art Unit Examiner Name		Jeffrey Tuatin				
							2442	3 4			
		- W					940				
Sheet	Sheet 4 of 4		4	Attorney Docket No. 2437680		243768004US	04US1 (25MB-0016)				
				U.S. PATENT I	DOCUMENT	S			,		
*EXAMINER	Cite	U.S. Patent I	Document	Name of Patentee or	Applicant	Date of	Publication of Cited	Pages, Column			
INITIALS*	No.	NUMBER	Kind Code	of Cited Docum			Document	Where Relevant I Relevant Figure			
	AA		(if known)								
	AA										
		·		FOREIGN PATEN	T DOCUME	NTS			337		
*EXAMINER	Cite	Foreign P	atent Document		entee or Applicant	r	Date of Publication of	Pages, Columns, Line Relevant Passages or l			
INITIALS	No.	Office Nu	Kind Coo umber (if know		d Document		Cited Document	Figures Appea	r		
	AB		•								
	I	OTH	ED DDIAD	ART-NON PATE	NT LITEDAT	TIDE	DOCUMENT	<u> </u>	L		
*EXAMINER	Cite			or (in CAPITAL LETTERS)					Τ.		
INITIALS	No.			, catalog, etc.), date, page(s),							
		J2EE Design	Patterns, Mo	odel-View-Controller	Architecture, Su	ın Micr	osystems, Inc.,	2001.			
	AC	http://java.cum.com/hluenrints/patter									
	1.0		nuary 28, 20								
		Burbeck, Steve, "Applications Programming in a Smalltalk-80(TM): How to Use Model-View-Controller									
	AD (MVC), Copyright 1987										
		http://st-www.cs.uiuc.edu/users/sma									
		Enterprise JavaBeans™ Specification v1.1, Sun Microsystems, Inc., Palo Alto, California, December 17, 1999									
	AE	December 1	7, 1999								
		developerWo	orks : Web A	rchitecture XML : Lib	rary						
	AF			work for e-business: V		ı Progra	mming Model"		1		
	Ar			eloper/features/framew		_	•				
		December 14	4, 2000								
		•		ava TM 2 Platform, Ente	erprise Edition,	Sun Mi	crosystems, Inc	., Palo Alto,			
	AG	California, 1999									
		Tona Massa	o CominaTM	Version 1.0.1, Sun Mi	aragustama Inc	Mour	stain View Calif	fornia October 5	1008		
		Java Messag	e service,	version 1.0.1, Suil IVII	icrosysicins, inc	., ivioui	nam view Calli	orma, October 5	, 1776		
	AH										
		Sun Microsy	stems, Inc., J	ava Naming and Dire	ctory InterfaceTI	M Appli	cation Program	ming Interface (J	NDI		
	AI	API), July 14			J	••	Ü	·			
	Ai										
			Pages™ Speci	fication, Version 1.1,	Sun Microsyste	ms, Inc	., Palo Alto, Ca	lifornia, Novemb	er 30,		
	AJ	1999									
		m .1 c	"D (C	LCODD A N'C'	Y-4	OID - '11	la Mataure et . D. :				
				CORBA Notification	Interworking,"	O'Reill	ly Network, Dec	ember 12, 2001			
	AK		onjava.com/lp								
EXAMINE	[]D	[Accessed Ja	nuary 28, 20	U2]	DATE CONS	IDEBI	FD				
CAMMINI) N				DATE CONSIDERED						

EXAMINER

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).